

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L2 | 7412 | ((light adj shield\$4) or (black adj matrix) or opaque) near10 thickness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 10:13 |
| L3 | 96 | L2 and 349/44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 09:29 |
| L4 | 382 | ((light adj shield\$4) or (black adj matrix) or opaque) near10 (side adj face) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 10:14 |
| L5 | 79 | L4 and (liquid adj crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 10:15 |
| S1 | 1 | "20020036818".pn. | US-PGPUB | OR | OFF | 2004/11/10 11:01 |
| S2 | 1120 | 349/110 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 16:54 |
| S3 | 1517 | 349/5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 16:54 |
| S4 | 143 | 349/6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 16:54 |
| S5 | 1817 | 359/245 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 16:54 |
| S6 | 0 | ((light adj shield\$4) or (black adj matrix) or opaque) near10 (((refractory adj metal) or (high adj melt\$4)) and barrier) and oxygen | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 16:59 |

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|-----|--------|---|---|----|----|------------------|
| S7 | 177562 | ((light adj shield\$4) or (black adj matrix) or opaque) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 16:59 |
| S8 | 3169 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 17:01 |
| S9 | 1177 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4)) and oxygen | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 17:01 |
| S10 | 251 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4)) and oxygen and (liquid adj crystal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 17:02 |
| S11 | 0 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4)) and oxygen and (liquid adj crystal) and barrier and protect\$4 and 349/110 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 17:03 |
| S12 | 0 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4)) and oxygen and (liquid adj crystal) and barrier and protect\$4 and 349/5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 17:04 |
| S13 | 0 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4)) and oxygen and (liquid adj crystal) and barrier and protect\$4 and 349/6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 17:04 |
| S14 | 1 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4)) and oxygen and (liquid adj crystal) and barrier and protect\$4 and 359/245 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 17:04 |
| S15 | 1 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4)) and oxygen and (liquid adj crystal) and 359/245 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 17:05 |
| S16 | 2 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4)) and oxygen and 359/245 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 17:05 |

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| S17 | 0 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4))and 349/6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/07 17:06 |
| S18 | 84 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4)) and oxygen and (liquid adj crystal) and barrier and protect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 09:17 |
| S19 | 124 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4)) and seiko.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 17:24 |
| S20 | 1 | "6433841".pn. | USPAT | OR | ON | 2003/10/08 10:42 |
| S21 | 1 | "6521913".pn. | USPAT | OR | ON | 2003/10/08 10:42 |
| S22 | 53 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4))and 349/110 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/09 10:29 |
| S23 | 3 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4))and 349/5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/09 09:18 |
| S24 | 9 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4))and 359/245 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/09 09:19 |
| S25 | 99 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4)) and oxygen and (liquid adj crystal) and barrier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/09 09:20 |
| S26 | 1974 | 257/59 | USPAT | OR | OFF | 2003/10/09 10:29 |
| S27 | 2428 | 257/59 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/10/09 10:29 |
| S28 | 120 | ((light adj shield\$4) or (black adj matrix) or opaque) and ((refractory adj metal) or (high adj melt\$4))and 257/59 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/09 10:30 |

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| S29 | 62 | ((bm ((black opaque) adj (mask matrix)) light adj shield\$3) near10 ((double two) adj layer)) and 349\$. ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/09 15:33 |
| S30 | 247 | ((bm ((black opaque) adj (mask matrix)) light adj shield\$3) near10 ((double two) adj layer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/09 15:35 |
| S31 | 114 | ((bm ((black opaque) adj (mask matrix)) light adj shield\$3) near10 ((double two) adj layer)) and (liquid adj crystal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 16:47 |
| S32 | 23 | ((bm ((black opaque) adj (mask matrix)) light adj shield\$3) near10 ((double two) adj layer)) and 349/110 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/10/09 15:38 |
| S33 | 1 | "5686980".pn. | USPAT | OR | OFF | 2004/03/22 13:01 |
| S34 | 424 | 349/44 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 11:19 |
| S35 | 6 | ((double or two or three) near10 layer) near10 (bm or (black adj matrix) or (light adj shield\$5))) and (refractory adj metal) and 349/44 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 14:38 |
| S36 | 65 | ((double or two or three) near10 layer) near10 (bm or (black adj matrix) or (light adj shield\$5))) and (refractory adj metal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 15:19 |
| S37 | 2 | "5999236".pn. "5510916".pn. | USPAT | OR | ON | 2004/08/19 15:11 |
| S38 | 65 | ((double or two or three) near10 layer) near10 (bm or (black adj matrix) or (light adj shield\$5) or (light adj block))) and (refractory adj metal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 15:20 |
| S39 | 10 | ((bm ((black opaque) adj (mask matrix))(light adj shield\$3)) near10 ((double two three) adj layer)) and (liquid adj crystal) and 349/44 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 16:49 |

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|-----|--------|--|---|----|----|------------------|
| S40 | 200 | ((bm ((black opaque) adj (mask matrix))(light adj shield\$3)) near10 ((double two three) adj layer)) and (liquid adj crystal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 16:55 |
| S41 | 164 | ((bm ((black opaque) adj (mask matrix))(light adj shield\$3)) near10 ((double two three) adj layer)) and (liquid adj crystal) and thick\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 18:07 |
| S42 | 132641 | polyimide | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 17:53 |
| S43 | 23683 | polyimide and oxygen | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 17:53 |
| S44 | 12316 | polyimide and oxygen and molecular | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 17:54 |
| S45 | 2607 | polyimide and oxygen and molecular and (liquid adj crystal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 17:55 |
| S46 | 2381 | polyimide and oxygen and molecular and (liquid adj crystal) and compound | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 17:55 |
| S47 | 84 | (polyimide with oxygen) and molecular and (liquid adj crystal) and compound | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 17:56 |
| S48 | 1945 | (polyimide with oxygen) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 17:56 |
| S49 | 13 | ((bm ((black opaque) adj (mask matrix))(light adj shield\$3)) near10 ((double two three) adj layer)) near10 metal) and (liquid adj crystal) and thick\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 18:08 |

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|-----|-------|--|---|----|----|------------------|
| S50 | 16 | ((bm ((black opaque) adj (mask matrix))(light adj shield\$3)) near10 ((double two three) adj layer)) near10 metal) and (liquid adj crystal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 18:21 |
| S51 | 16 | ((bm ((black opaque) adj (mask matrix))(light adj shield\$3)) near10 ((double two three) adj layer)) near10 (metal oxygen)) and (liquid adj crystal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/19 18:22 |
| S52 | 2308 | (light adj absorb\$5) near10 metal\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 09:18 |
| S53 | 102 | ((light adj absorb\$5) near10 metal\$5) near10 ((light adj shield\$5) or bm or (black adj matrix) or opaque or shade) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 09:20 |
| S54 | 55 | ((light adj absorb\$5) near10 metal\$5) near10 ((light adj shield\$5) or bm or (black adj matrix) or opaque or shade) and (liquid adj crystal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 16:07 |
| S55 | 359 | 349/44 and metal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 11:19 |
| S56 | 31518 | photoresist\$4 near10 material | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 16:09 |
| S57 | 34639 | (photoresist\$4, with material) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 16:09 |
| S58 | 530 | (photoresist\$4 near10 material) and "349"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 16:09 |
| S59 | 119 | (photoresist\$4 near10 material) and "349"/\$.ccls. and (light adj shield\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 16:10 |

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| S60 | 3294151 | insulat\$5 near10 (heat adj treatment) neat10 temperature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 17:21 |
| S61 | 9172 | (insulat\$5 near10 (heat adj treatment) neat10 temperature) and "349"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 17:21 |
| S62 | 150 | (insulat\$5 near10 (heat adj treatment) neat10 temperature) and 349/44 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 17:25 |
| S63 | 3292844 | ((insulat\$5 adj film) near10 (heat adj treatment) neat10 temperature) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 17:26 |
| S64 | 1081648 | ((insulat\$5 adj film) near10 (heat adj treatment) neat10 temperature) and metal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 17:27 |
| S65 | 9164 | ((insulat\$5 adj film) near10 (heat adj treatment) neat10 temperature) and "349"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 17:27 |
| S66 | 149 | ((insulat\$5 adj film) near10 (heat adj treatment) neat10 temperature) and 349/44 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 17:31 |
| S67 | 3292844 | ((insulat\$5 adj film) near10 (heat adj treatment)) neat10 temperature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 17:32 |
| S68 | 149 | ((((insulat\$5 adj film) near10 (heat adj treatment)) neat10 temperature) and 349/44 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/20 17:32 |
| S82 | 3 | "5686980".pn. "5999236".pn. "5510916".pn. | USPAT | OR | OFF | 2004/11/10 11:02 |
| S83 | 86603 | ((light adj shield\$4) or (black adj matrix) or opaque) and thick\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 17:25 |

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|-----|--------|--|---|----|----|------------------|
| S84 | 100311 | ((light adj shield\$4) or (black adj matrix) or opaque) and thick\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 17:25 |
| S85 | 2259 | ((light adj shield\$4) or (black adj matrix) or opaque) and (thick\$4 near10 barrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 17:26 |
| S86 | 10 | ((light adj shield\$4) or (black adj matrix) or opaque) and (thick\$4 near10 barrier near10 (upper and lower)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 17:39 |
| S87 | 383 | ((light adj shield\$4) or (black adj matrix) or opaque) and 349/44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/08 17:40 |
| S88 | 295 | ((light adj shield\$4) or (black adj matrix) or opaque) and 349/44 and thickness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 09:28 |